

Work Order ID 114141

March-04-14 2:55:02 PM

114141

Page 1

Item ID: D3649-041

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Tunnel Bottom Panel Assy

Stop

NS2

Start Date: 18/03/2014 Start Qty: 1.00

1

Cust Item ID:

Required Date: 18/03/2014 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date: 14-03-4

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3649	Rev B								

100

100

FLOW WATER JET

Waterjet

Memo

0.00

DAS

23

14-09-9

FLOW CNC Waterjet

304.018"

1-Cut as per Dwg D3649 Dwg Rev: B Prog Rev: B 2-
Deburr if necessary

1

0

9-89

110

110

QC2- Inspect parts off machine FAI/FAIB

QC

Quality Control

0.00

DAS

23

14-09-9

120

120

QC8- Inspect parts - second check

QC

Quality Control

0.00

DAS

38

9-89

14-09-9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only

Work Order: _____	DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
NCR No. _____	Suspected Unapproved <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>		
				Composite <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Other <input type="checkbox"/>		

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	Bending <input type="checkbox"/>	General	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>
	Centre Not Concentric <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>
	Cracks <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>
	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>
	Cuffs <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>
	Crushing <input type="checkbox"/>	Contamination <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>		
	Marks/Chatter <input type="checkbox"/>	Drawing <input type="checkbox"/>	Off-set <input type="checkbox"/>		
	Turning Sequence <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>		
	Wave/Twist in Tube <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>		
		Fit/Function <input type="checkbox"/>			

Work Order ID 114141

March-04-14 2:55:02 PM

114141

Page 2

Item ID: D3649-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Tunnel Bottom Panel Assy

Stop

NS2

Start Date: 18/03/2014 Start Qty: 1.00

1

Cust Item ID:

Required Date: 18/03/2014 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept

Reject

Reject
Number

Insp.
Stamp

130

130

Brake NC

NC BRAKE

0.00

DAS

30

9-89

Brake NC

Memo

0.00

14/12/16

140

140

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

DAS

38

9-89

0.00

(1)

DEC 16 2014

150

150

Small Fab

Small Fab

0.00

0.00

DAS

36

9-89

Small Fab

1- Form dimple for MS20427M3 rivet per dwg D3649*****ensure
dimples are on the proper side*****2-Assemble nutplates as per dwg
D3649

IX

14/12/17

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____	DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									
FAULT CATEGORY									
Landing Gear				General					
Bending	General			Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>		
Centre Not Concentric				BOM/Route <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>			
Cracks				Broken/Damage/Defect <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>			
Crimp/Kink/Ripple/Wave				Burrs <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>			
Cuffs				Contamination <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>			
Crushing				Countersink <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>				
Heat Treat				Cut Too Short <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>			
Inspection Strip in Tube				Drawing <input type="checkbox"/>					
Marks/Chatter				Drill Holes <input type="checkbox"/>					
Turning Sequence				Finish <input type="checkbox"/>					
Wave/Twist in Tube				Fit/Function <input type="checkbox"/>					

Work Order ID 114141***114141***

Page 3

March-04-14 2:55:02 PM

Item ID: D3649-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Tunnel Bottom Panel Assy

Stop

NS2

Start Date: 18/03/2014 Start Qty: 1.00

1

Cust Item ID:

Required Date: 18/03/2014 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC5- Inspect part completeness to step on W/O

0.00

DAS
30
9-89

1

14/12/17

160

QC

Quality Control

170

Identify as per dwg & Stock Location: S1

0.00

DAS
30
9-89

1

14/12/17

170

Packaging

Packaging

180

QC21- Final Inspection - Work Order Release

0.00

14/12/18 20

180

QC

Quality Control

DR-12-18

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

<p>Work Order: _____</p> <p>Part No. _____</p> <p>NCR No. _____</p>	DISPOSITION <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved	AGAINST DEPARTMENT/PROCESS <input type="checkbox"/> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other
---	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Picklist Print

March-04-14 2:55:02 PM

Page 1

Work Order ID: 114141

114141

Parent Item: D3649-041

D3649-041

Parent Item Name: Tunnel Bottom Panel Assy

Start Date: 18/03/2014

Required Date: 18/03/2014

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A New Issue 07-09-26 EC verified by: DD
 IPP Rev:B ECN 1113P 08-01-22 DD verified by: EC
 IPP Rev:C Ecn1162 08-04-02 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M304S26GA	Purchased	No			150	sf	149.0000	6.069	7			DAS 23 9-89	14-09-9
-----------	-----------	----	--	--	-----	----	----------	-------	---	--	--	-------------------	---------

		<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>	
		MAT020	149		
		122753	26		
		123135	123		

MS20427M3-3	Purchased	No		110	Each	882.0000	88	88			DAS 36 9-89	14/12/17
-------------	-----------	----	--	-----	------	----------	----	----	--	--	-------------------	----------

		<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>	
		GA	491		
		121114	491		
		ST335	391		
		124231	391		

MS21060-3K	Purchased	No		150	Each	77.0000	22	22			DAS 36 9-89	14/12/17
------------	-----------	----	--	-----	------	---------	----	----	--	--	-------------------	----------

		<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>	
		ST316	77		
		m126826	77		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only

Work Order: _____	DISPOSITION			AGAINST DEPARTMENT/PROCESS				
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear		General							
Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Folio/Program	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>	Pressure/Forced	
Centre Not Concentric	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Set-up	
Cracks	<input type="checkbox"/>	Broken/Damage/Defect	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Temperature/Cure	
Grimp/Kink/Ripple/Wave	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Inspection Incomplete/Unqualified	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Weld	
Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>	Wrong Stock Pulled	
Crushing	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Misaligned/off center	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>		
Heat Treat	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>	Other	
Inspection Strip in Tube	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Misread	<input type="checkbox"/>		<input type="checkbox"/>		
Marks/Chatter	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Off-set	<input type="checkbox"/>		<input type="checkbox"/>		
Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<input type="checkbox"/>		
Wave/Twist in Tube	<input type="checkbox"/>	Fit/Function	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<input type="checkbox"/>		

Picklist Print

March-04-14 2:55:02 PM

Page 2

Work Order ID: 114141

114141
D3649-041

Parent Item: D3649-041

Parent Item Name: Tunnel Bottom Panel Assy

Start Date: 18/03/2014

Required Date: 18/03/2014

Start Qty: 1.00

Required Qty: 1.00

MS21062-3K

Purchased

No

150

Each

142.0000

22

22

DAS

36

9-89

MS21062-3K

Nut Plate

******14/12/17

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	42	
124316	42	
ST317	100	
124329	100	

M12991314KM1308228X

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>		
NCR No. _____							

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Folio/Program	Outside Dimensions	Pressure/Forced
Bending	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>
Centre Not Concentric	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>
Cracks	Broken/Damage/Defect <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>
Crimp/Kink/Ripple/Wave	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>
Cuffs	Contamination <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>
Crushing	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>		Other <input type="checkbox"/>
Heat Treat	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>		
Inspection Strip in Tube	Drawing <input type="checkbox"/>	Off-set <input type="checkbox"/>		
Marks/Chatter	Drill Holes <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>		
Turning Sequence	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>		
Wave/Twist in Tube	Fit/Function <input type="checkbox"/>			

DART AEROSPACE LTD	Work Order:	114141
Description: Tunnel Bottom Panel	Part Number:	D3649-1
Inspection Dwg: D3649 Rev: B		Page 1 of 2

FIRST ARTICLE INSPECTION CHECKLIST

First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.098	+0.004/-0.001	0.099"	-		U	Jkm01
Ø0.196	+0.005/-0.001	0.198"	-		✓	
Ø0.250	+0.005/-0.001	0.251"	-		✓	
0.400	+/-0.010	0.403"	-		U	
0.385	+/-0.010	0.386"	-		✓	
0.250	+/-0.010	0.253"	-		✓	
44.57	+/-0.030	44.57"	-		T	Jkm07
11.70	+/-0.030	11.70"	-		✓	Jkm08
3.370	+/-0.030	3.370"	-		✓	
13.76	+/-0.030	13.76"	-		T	
4.300	+/-0.010	4.300"	-		✓	
10.11	+/-0.030	10.11"	-		✓	
12.90	+/-0.030	12.90"	-		T	
16.61	+/-0.030	16.61"	-		T	
15.80	+/-0.030	15.80"	-		T	
3.950	+/-0.010	3.954"	-		✓	
0.42	+/-0.030	0.427"	-		✓	
0.41	+/-0.030	0.41"	-		✓	
0.85	+/-0.030	0.85"	-		✓	
19.64	+/-0.030	19.64"	-		T	
0.54	+/-0.030	0.54"	-		✓	
1.400	+/-0.010	1.400"	-		✓	
2.63	+/-0.030	2.63"	-		✓	
2.93	+/-0.030	2.93"	-		✓	
1.49	+/-0.030	1.49"	-		✓	
5.98	+/-0.030	5.98"	-		✓	
0.54	+/-0.030	0.54"	-		✓	
2.20	+/-0.030	2.20"	-		✓	
2.75	+/-0.030	2.75"	-		✓	
2.48	+/-0.030	2.48"	-		✓	

DART AEROSPACE LTD	Work Order:	114141
Description: Tunnel Bottom Panel	Part Number:	D3649-1
Inspection Dwg: D3649 Rev: B		Page 2 of 2

FIRST ARTICLE INSPECTION CHECKLIST

First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.16	+/-0.030	1.16"	-		✓	
3.38	+/-0.030	3.38"	-		✓	
2.00	+/-0.030	2.00"	-		✓	
0.90	+/-0.030	0.90"	-		✓	
16.64	+/-0.030	16.64"	+		T	
0.48	+/-0.030	0.48"	+		✓	
13.80	+/-0.030	13.80"	+		T	
0.46	+/-0.030	0.46"	-		✓	
11.76	+/-0.030	11.76"	-		✓	
1.23	+/-0.030	1.23"	-		✓	
0.88	+/-0.030	0.88"	-		✓	
18.46	+/-0.030	18.46"	-		T	
5.23	+/-0.030	5.23"	+		✓	
1.932	+/-0.010	1.932"	-		✓	
1.943	+/-0.010	1.943"	-		✓	
5.02	+/-0.030	5.02"	-		✓	
1.820	+/-0.010	1.820"	-		✓	
0.70	+/-0.030	0.70"	-		✓	
2.100	+/-0.010	2.100"	-		✓	
2.33	+/-0.030	2.33"	-		✓	
0.94	+/-0.030	0.94"	-		✓	
3.30	+/-0.030	3.30"	-		✓	
1.900	+/-0.010	1.901"	-		✓	
0.61	+/-0.030	0.61"	✓	DAS	✓	

Measured by:	23 9-89	Audited by:	38 9-89	Prototype Approval:	N/A
Date:	14-09-9	Date:	14-9-9	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.04.17	New Issue	P/O D3649-041	KJ/DD ✓ DS





